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XP-002240007

AN - 1985-126182 [21]

A - [001] 014 03- 06- 139 140 143 146 15- 185 189 20- 226 231 239 308 309  
331 359 44& 441 46& 473 475 476 50& 506 507 509 541 551 556 58& 58-  
623 627 629 654 694 722 723

AP - JP19830172141 19830920; JP19830172141 19830920

CPY - SUMB

DC - A32 P73

DR - 5007-U 5214-U

FS - CPI;GMPI

IC - B32B5/22 ; C08J5/04

KS - 0011 0069 0224 0229 1276 1277 1282 1737 2020 2021 2198 2214 2215 2220  
2491 2493 2545 2549 2551 2555 2600 2617 2737 2744 3181 3204 3247

MC - A08-R05 A11-B09C A12-S08A

PA - (SUMB ) SUMITOMO BAKELITE CO

PN - JP60065032 A 19850413 DW198521 004pp  
- JP3000416B B 19910108 DW199105 000pp

PR - JP19830172141 19830920

XA - C1985-054896

XIC - B32B-005/22 ; C08J-005/04

XP - N1985-094832

AB - J60065032 Process comprises stacking a desired number of sheet  
moulding cpds. (SMC) contg. 5-40wt.% Al fibre and 5-40wt.% glass  
fibre, and stacking SMC with 1.0-3.5 kg/m<sup>2</sup>, which does not contain Al  
fibre on the upper and lower surfaces of the stacked SMC, and moulding  
the stacked prod.

- As the matrix, thermosetting resin such as unsatd. polyester,  
vinylester resin, epoxy resin, phenol resin, melamine resin, etc. is  
pref. As the Al fibre, Al fibre with non-smooth surface, which is mfd.  
by vibration cutting is pref. The Al fibre pref. has length 2.5-25 mm  
and thickness 10-200 microns. Total content of Al fibre and glass  
fibre is pref. 10-60(15-50)wt.%.

- USE/ADVANTAGE - Composite is easily handled and has good moulding  
properties. The obtd. moulding has excellent heat resistance and  
toughness, has insulating surface and high electroconductivity and  
electromagnetic shielding property. As it does not need sec.  
processing, it is economical and useful for housing various electronic  
machinery and tools.(0/0)

IW - THERMOSETTING RESIN MOULD MANUFACTURE STACK SHEET MOULD COMPOUND  
CONTAIN ALUMINIUM FIBRE GLASS FIBRE STACK SMC CONTAIN ALUMINIUM FIBRE  
MOULD

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MOULD

NC - 001

OPD - 1983-09-20

ORD - 1985-04-13

PAW - (SUMB ) SUMITOMO BAKELITE CO

TI - Thermosetting resin. moulding mfr. - by stacking sheet moulding cpd.  
contg. aluminium fibre and glass fibre, stacking with SMC not contg.  
aluminium fibre and moulding